

Message

From: Greene, Nikia [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=32A08A414A4F40199B557C0819EB7D0B-GREENE, NIKIA]
Sent: 10/15/2018 2:36:53 PM
To: David Shanight [shanightdt@cdmsmith.com]; Storrar, Chapin S. [storrarcs@cdmsmith.com]; K Ekstrom [EkstromKL@cdmsmith.com]; Curt Coover [cooverca@cdmsmith.com]
Subject: RE: ROCC items I presented to the group Monday

Also FYI, Joe Griffin called me and said that he has been looking at data from CB8, CB9, MSD, and BG. He said he sees levels of TR Pb as a dermal exposure issue?

Nikia Greene
Remedial Project Manager
U.S. EPA, Region 8
(406)-457-5019
greene.nikia@epa.gov

From: Greene, Nikia
Sent: Monday, October 15, 2018 8:29 AM
To: David Shanight <shanightdt@cdmsmith.com>; 'Storrar, Chapin S.' <storrarcs@cdmsmith.com>; K Ekstrom <EkstromKL@cdmsmith.com>; Curt Coover <cooverca@cdmsmith.com>
Subject: FW: ROCC items I presented to the group Monday

Hi all,

I am not sure who is working on the risk communication piece for stormwater but wanted to share some thoughts from Mary Kay below, where this stems from.

Thanks,

Nikia Greene
Remedial Project Manager
U.S. EPA, Region 8
(406)-457-5019
greene.nikia@epa.gov

From: Mary Kay Craig [mailto:marykathleencraig@gmail.com]
Sent: Friday, October 12, 2018 4:12 AM
To: Greene, Nikia <Greene.Nikia@epa.gov>
Subject: Fwd: ROCC items I presented to the group Monday

Dear Nikia,

This is a request that you help CLEJ to know what amounts of As, Pb Cd and Hg would flow into the Silver Bow Creek corridor under the proposed ARCO-BP plan. On September 12 at the meeting at the BSB County Courthouse, I requested these from Patricia Gallery and Loren Burmeister. They indicated we would have those figures by end of that week. No info a month later.

This is also my personal thank you, following the last CTEC meeting. Your agreeing to look into the issues presented by the Greeley Neighborhood Association is what I think EPA should do. I tried to help them get MR to respond to the dust issue about 5 years ago when two representatives of MR came to one of their meetings. I was asked to prepare a board showing photos of the dump truck dust taken by a family in the neighborhood, plus a pic of dust off the Yankee Doodle tailings covering the entire east side, as the dust enveloped that neighborhood. That pic was sent to me by a former member of the Council of Commissioners. I still have those pictures if you want them.

About three years ago in a non-public meeting, a state employee said (among people he trusted, including me!) that the dust from the mine was the White Elephant in the room for Butte AQ and Silver Bow Creek stormwater Superfund issues. It has taken time, but I believe the Greeley Neighborhood has now developed their very serious questions that EPA must answer, given local government has not..

Recently, a member of a group I belong to stated that we in the group had all agreed we would do nothing that might interrupt mining's beneficial economic impact on Butte. I was surprised because I had not heard that stated in the group previously - must have missed that meeting. Yes, the powers that be in Butte don't want to stir the pot about. No, that cannot continue to go on in perpetuity. Yes, that makes your job harder.

I just want you to know that there are people in Butte more interested in a healthy community than in an economically viable mining community for Copper Kings today and tomorrow. -- if they must choose between them. Sure, I want Butte to grow, but not at the expense of its people dying early deaths to protect the mines. THAT kind of thinking may be the reason Butte has not grown over the past 30 years.

I think of myself as a kind of "canary in the mine" that tries to warn by my own "death." I learned to be a canary, I grew up in Butte, had ovarian cancer in 1977 and now bladder cancer 40 years later in 2017. Dr. Anna Chako MD of CTEC asks for health studies about ovarian cysts in Butte. I had those. Today I wonder about arsenic connections with bladder cancer. Please help to assure that the EPA health study via the BSB Health Dept. will include older residents (as RN Eileen Greb implored) and not just be another innocuous snapshot of Butte's youth, once again seemingly saved by the RMAP program ARCO funded for PR purposes. You and I and Casseret and Douhl's Toxicology tome know better than to assume only snapshots of arsenic and lead in children tell the whole tale about human health and Butte's contaminants of concern!

I do appreciate the good job you are doing in a difficult situation, most assuredly made more challenging by the fact BSB County chose to be a PRP for stormwater.

Included below is the email I mentioned to you in which Dr. Katie Hailer of CLEJ's Board states children must not be allowed to play in contaminated stormwater.

Please continue to stick with the commonweal and the CERCLA requirements that do NOT recognize economics up or down, so that you may look into the Greeley issues without being compromised by lawyers from opponents of such investigation. Maybe direction from Doug Benevento could assure you aren't taking a personal hit for looking into the Greeley issues?

Stay the course for human health and the environment. I (and many others who don't write to you) are grateful.

Cheers for your kind approach to rough stuff. Your personal honesty is obvious.

~Mary Kay

===

On Wed, Sep 19, 2018 at 2:01 PM Hailer, Katie <KHailer@mtech.edu> wrote:

Hi Mary Kay,

The short answer is no, children should not be playing in water with arsenic, lead and cadmium. Both As and Cd are known carcinogens and should be avoided. Cd is a more potent carcinogen than As (usually), but both should be avoided. Lead is not carcinogenic but is a potent neurotoxin. Obviously concentration has a large bearing on toxicity so knowing what they want to set the allowable limits at are key to making a smart decision. Without seeing the design and knowing some of the limits for metals, I can't be any more specific in my answer but again these elements should be avoided, especially by children.

Katie

From: Mary Kay Craig [mailto:marykathleencraig@gmail.com]

Sent: Wednesday, September 19, 2018 1:19 AM

To: Hailer, Katie <KHailer@mtech.edu>

Subject: ROCC items I presented to the group Monday

Hi Katie,

I wonder if you would look over the 15 issues I compiled after meeting with a few board members. It will come to you from George Waring's email account, as I have lost my Word program.

If no time at all, could you please say whether or not it is OK for children to play in stormwater that contains mostly Cu, but also has As and Pb and Cd. ARCO has not yet complied with my request for amounts of those metals that would be coming into the corridor. For Cd, there is no EPA standard in soil, just in water. As will be deployed into the ten year flood plain during storm events. Then the "park" will have a topping of As while the other metals go to the

bottom of the ponds.

Thank you.

Mary Kay

--

Mary Kay Craig
518 W. Granite St.
Butte, MT 59701
406 723-3851
marykathleencraig@gmail.com